

| 82E308 Split Cues Mothercard  |                           |                   |
|-------------------------------|---------------------------|-------------------|
| S151E 26-way Ribbon Connector |                           |                   |
| No                            | Description               | From/To           |
| 1                             | Cue Stereo Left Gain C/W  | 82E32 L,R,1 pin 8 |
| 2                             | Cue Stereo Left AFL       | " L,R,1 " 49      |
| 3                             | Cue Stereo Right Gain C/W | " L,R,1 " 23      |
| 4                             | Cue Stereo Right AFL      | " L,R,1 " 48      |
| 5                             | Cue 1 Gain C/W            | " L,R,1 " 38      |
| 6                             | Cue 1 AFL                 | " L,R,1 " 47      |
| 7                             | Cue 2 Gain C/W            | 82E32 2,3,4 pin 8 |
| 8                             | Cue 2 AFL                 | " 2,3,4 " 49      |
| 9                             | Cue 3 Gain C/W            | " 2,3,4 " 23      |
| 10                            | Cue 3 AFL                 | " 2,3,4 " 48      |
| 11                            | Cue 4 Gain C/W            | " 2,3,4 " 38      |
| 12                            | Cue 4 AFL                 | " 2,3,4 " 47      |
| 13                            | Spare                     | N/C               |
| 14                            | Spare                     | N/C               |
| 15                            | Spare                     | N/C               |
| 16                            | Spare                     | N/C               |
| 17                            | Spare                     | N/C               |
| 18                            | Spare                     | N/C               |
| 19                            | +18V Power                | S152E pin 1,2     |
| 20                            | +18V Power                | " " 1,2           |
| 21                            | +11V Power                | " " 3,4           |
| 22                            | +11V Power                | " " 3,4           |
| 23                            | 0V                        | " " 5,6           |
| 24                            | 0V                        | " " 5,6           |
| 25                            | -18V Power                | " " 7,8           |
| 26                            | -18V Power                | " " 7,8           |

| 82E308 Split Cues Mothercard        |             |                                     |
|-------------------------------------|-------------|-------------------------------------|
| S152E Power 10-way Ribbon Connector |             |                                     |
| No                                  | Description | From/To                             |
| 1                                   | +18V Power  | S151E pins 19,20 82E32 cards pin 52 |
| 2                                   | " "         | " " 19,20 " " " 52                  |
| 3                                   | +11V Power  | " " 21,22                           |
| 4                                   | " "         | " " 21,22                           |
| 5                                   | 0V          | " " 23,24 82E32 cards pins 54,55    |
| 6                                   | 0V          | " " 23,24 " " " 54,55               |
| 7                                   | -18V Power  | " " 25,26 " " pin 53                |
| 8                                   | " "         | " " 25,26 " " " 53                  |
| 9                                   |             |                                     |
| 10                                  |             |                                     |

| 82E308 Split Cues Mothercard               |                              |                          |
|--------------------------------------------|------------------------------|--------------------------|
| S153E Split Cues Output      26 way ribbon |                              |                          |
| No                                         | Description                  | From/To                  |
| 1                                          | Cue Stereo Left Output Hot   | 82E32 L,R,1    pin 16    |
| 2                                          | Cue Stereo Left Output Cold  | "    L,R,1    "    7     |
| 3                                          | 0v                           | "    L,R,1    pins 17,18 |
| 4                                          | Cue Stereo Right Output Hot  | 82E32 L,R,1    pin 31    |
| 5                                          | Cue Stereo Right Output Cold | "    L,R,1    "    22    |
| 6                                          | 0v                           | "    L,R,1    pins 32,33 |
| 7                                          | Cue 1 Output Hot             | 82E32 L,R,1    pin 46    |
| 8                                          | Cue 1 Output Cold            | "    L,R,1    "    37    |
| 9                                          | 0v                           | "    L,R,1    pins 54,55 |
| 10                                         | Cue 2 Output Hot             | 82E32 2,3,4    pin 16    |
| 11                                         | Cue 2 Output Cold            | "    2,3,4    "    7     |
| 12                                         | 0v                           | "    2,3,4    pins 17,18 |
| 13                                         | Cue 3 Output Hot             | 82E32 2,3,4    pin 31    |
| 14                                         | Cue 3 Output Cold            | "    2,3,4    "    22    |
| 15                                         | 0v                           | "    2,3,4    pins 32,33 |
| 16                                         | Cue 4 Output Hot             | 82E32 2,3,4    pin 46    |
| 17                                         | Cue 4 Output Cold            | "    2,3,4    "    37    |
| 18                                         | 0v                           | "    2,3,4    pins 54,55 |
| 19                                         | Patchable VCA AFL Left Hot   | Via R2 to S4E pin 17     |
| 20                                         | Patchable VCA AFL Left Cold  | Via R1 to S4E pin 16     |
| 21                                         | 0v                           | S152E pins 5,6           |
| 22                                         | Patchable VCA AFL Right Hot  | Via R3 to S4E pin 18     |
| 23                                         | Patchable VCA AFL Right Cold | Via R4 to S4E pin 19     |
| 24                                         | 0v                           | S152E pins 5,6           |
| 25                                         | Spare                        | N/C                      |
| 26                                         | N/U                          | N/C                      |

| 82E308 Split Cues Mothercard      |                        |                |
|-----------------------------------|------------------------|----------------|
| S3E Right 20-way Ribbon Connector |                        |                |
| No                                | Description            | From/To        |
| 1                                 | Slate Signal Bus       | S3E Left pin 1 |
| 2                                 | Spare                  | " " " 2        |
| 3                                 | VCA to Mon Bus         | " " " 3        |
| 4                                 | Slate Control Bus      | " " " 4        |
| 5                                 | Channel Solo Cut Bus   | " " " 5        |
| 6                                 | Spare                  | " " " 6        |
| 7                                 | Status Mix Bus         | " " " 7        |
| 8                                 | Master Input Flip Bus  | " " " 8        |
| 9                                 | Monitor Solo Cut Bus   | " " " 9        |
| 10                                | Spare                  | " " " 10       |
| 11                                | Machine Record Bus     | " " " 11       |
| 12                                | Master Ready Group Bus | " " " 12       |
| 13                                | Status Record Bus      | " " " 13       |
| 14                                | Spare                  | " " " 14       |
| 15                                | Solo Disable Bus       | " " " 15       |
| 16                                | VCA to Meters Bus      | " " " 16       |
| 17                                | Cue 3 Mix Bus Cold     | via R5 to 0V   |
| 18                                | Cue 3 Mix Bus Hot      | N/C            |
| 19                                | Cue 4 Mix Bus Hot      | N/C            |
| 20                                | Cue 4 Mix Bus Cold     | via R6 to 0V   |

| 82E308 Split Cues Mothercard      |                               |                        |
|-----------------------------------|-------------------------------|------------------------|
| S4E Right 20-way Ribbon Connector |                               |                        |
| No                                | Description                   | From/To                |
| 1                                 | Dynamics Link                 | S4E Left pin 1         |
| 2                                 | OV                            | " " " 2                |
| 3                                 | Cue 2 Mix Bus Hot             | N/C                    |
| 4                                 | Cue 2 Mix Bus Hot             | N/C                    |
| 5                                 | Cue 2 Mix Bus Cold            | via R7 to OV           |
| 6                                 | Cue 1 Mix Bus Cold            | via R8 to OV           |
| 7                                 | Cue 1 Mix Bus Hot             | N/C                    |
| 8                                 | Cue 1 Mix Bus Hot             | N/C                    |
| 9                                 | Cue Stereo Left Mix Bus Cold  | via R9 to OV           |
| 10                                | Cue Stereo Right Mix Bus Cold | via R10 to OV          |
| 11                                | Cue Stereo Left Mix Bus Hot   | N/C                    |
| 12                                | Cue Stereo Left Mix Bus Hot   | N/C                    |
| 13                                | Cue Stereo Right Mix Bus Hot  | N/C                    |
| 14                                | Cue Stereo Right Mix Bus Hot  | N/C                    |
| 15                                | AFL Mix Bus Cold              | S4E Left pin 15        |
| 16                                | AFL Mix Bus Cold              | R1 and S4E Left pin 16 |
| 17                                | AFL Mix Bus Hot               | R2 and S4E Left pin 17 |
| 18                                | AFL Mix Bus Hot               | R3 and S4E Left pin 18 |
| 19                                | AFL Mix Bus Cold              | R4 and S4E Left pin 19 |
| 20                                | Peak Hold Bus                 | S4E Left pin 20        |

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|----------------------------------|------------------------|------------------------|
| S3E Left 20-way Ribbon Connector |                        |                        |
| No                               | Description            | From/To                |
| 1                                | Slate Signal Bus       | S3E Right pin 1        |
| 2                                | Spare                  | " " " 2                |
| 3                                | VCA to Mon Bus         | " " " 3                |
| 4                                | Slate Control Bus      | " " " 4                |
| 5                                | Channel Solo Cut Bus   | " " " 5                |
| 6                                | Spare                  | " " " 6                |
| 7                                | Status Mix Bus         | " " " 7                |
| 8                                | Master Input Flip Bus  | " " " 8                |
| 9                                | Monitor Solo Cut Bus   | " " " 9                |
| 10                               | Spare                  | " " " 10               |
| 11                               | Machine Record Bus     | " " " 11               |
| 12                               | Master Ready Group Bus | " " " 12               |
| 13                               | Status Record Bus      | " " " 13               |
| 14                               | Spare                  | " " " 14               |
| 15                               | Solo Disable Bus       | " " " 15               |
| 16                               | VCA to Meters Bus      | " " " 16               |
| 17                               | Cue 3 Mix Bus Cold     | 82E32 2,3,4 pins 20,21 |
| 18                               | Cue 3 Mix Bus Hot      | " 2,3,4 pin 19         |
| 19                               | Cue 4 Mix Bus Hot      | " 2,3,4 pin 34         |
| 20                               | Cue 4 Mix Bus Cold     | " 2,3,4 pins 35,36     |

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|----------------------------------|-------------------------------|-------------------------|
| S4E Left 20-way Ribbon Connector |                               |                         |
| No                               | Description                   | From/To                 |
| 1                                | Dynamics Link                 | S4E Right pin 1         |
| 2                                | OV                            | " " " 2                 |
| 3                                | Cue 2 Mix Bus Hot             | 82E32 2,3,4 pin 4       |
| 4                                | Cue 2 Mix Bus Hot             | " 2,3,4 " 4             |
| 5                                | Cue 2 Mix Bus Cold            | " 2,3,4 pins 5,6        |
| 6                                | Cue 1 Mix Bus Cold            | 82E32 L,R,1 pins 35,36  |
| 7                                | Cue 1 Mix Bus Hot             | " L,R,1 pin 34          |
| 8                                | Cue 1 Mix Bus Hot             | " L,R,1 " 34            |
| 9                                | Cue Stereo Left Mix Bus Cold  | " L,R,1 pins 5,6        |
| 10                               | Cue Stereo Right Mix Bus Cold | " L,R,1 " 20,21         |
| 11                               | Cue Stereo Left Mix Bus Hot   | " L,R,1 pin 4           |
| 12                               | Cue Stereo Left Mix Bus Hot   | " L,R,1 " 4             |
| 13                               | Cue Stereo Right Mix Bus Hot  | " L,R,1 " 19            |
| 14                               | Cue Stereo Right Mix Bus Hot  | " L,R,1 " 19            |
| 15                               | AFL Mix Bus Cold              | S4E Right pin 15        |
| 16                               | AFL Mix Bus Cold              | R1 and S4E Right pin 16 |
| 17                               | AFL Mix Bus Hot               | R2 and S4E Right pin 17 |
| 18                               | AFL Mix Bus Hot               | R3 and S4E Right pin 18 |
| 19                               | AFL Mix Bus Cold              | R4 and S4E Right pin 19 |
| 20                               | Peak Hold Bus                 | S4E Right pin 20        |